

CESARI AND MCKENNA, LLP

ROBERT A. CESARI
 JOHN F. MCKENNA
 MARTIN J. O'DONNELL
 THOMAS C. O'KONSKI
 JOSEPH H. BOHN
 PATRICIA A. SIEBMAN
 MICHAEL S. ATTAYA
 CHARLES J. BARBAS
 WILLIAM A. LOGINOV
 MICHAEL R. REINEMANN
 RITA M. RONART
 JOHN L. CAPONI
 MICHAEL J. BADZINSKI
 ROBERT B. RICSBY, JR.
 KEVIN GANNON
 DUANE H. DREGER

ATTORNEYS AT LAW
 88 BLACK FALCON AVENUE
 BOSTON, MASSACHUSETTS 02210

(617) 951-2500

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 EDWIN H. PAUL
 OF COUNSELSTEPHEN E. KABAKOFF
 JAMES M. BEHMKE
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FACSIMILE COVER SHEET

112008-0027CI

| | |
|-------------------------|---------------------------------|
| DATE: | June 25, 2003 |
| TOTAL PAGES WITH COVER: | 57 |
| TO: | Examiner Nguyen (Art Unit 3653) |
| FIRM: | USPTO |
| FACSIMILE NUMBER: | 703-872-9326 |
| TELEPHONE NUMBER: | 703-308-2689 |
| FROM: | Stephen E. Kabakoff |

FAX RECEIVED

GROUP 3600

COMMENTS: Re: Application 09/441,003

Dear Examiner Nguyen:

We are faxing an Amendment (53 pages), one drawing sheet (1 page), and a Petition for Extension of Time (2 pages). The materials that are being faxed are related to application Serial No. 09/441,003.

If you have any questions, please do not hesitate to contact me at 617-951-3053.

Best regards,
 Stephen Kabakoff

Official

SPECIAL INSTRUCTIONS:

If you do not receive all pages, or you are not the intended recipient, please contact us at (617) 951-2500 as soon as possible.



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Patent and Trademark Office/SB/17 (10-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\\$)** **180**

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 09/441,003 |
| Filing Date | November 16, 1999 |
| First Named Inventor | John Abedor, et al |
| Examiner Name | Nguyen, John |
| Group Art Unit | 3653 |
| Attorney Docket No. | 112008-0027C1 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
 Deposit Account Order

Deposit Account Number **03-1237**
 Deposit Account Name **Cesari and McKenna, LLP**

The Commissioner is authorized to: (check all that apply)
 Charge any deficiency or
 Charge fee indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEES CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|----------|----------|----------|--|-------------------------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English Specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920 | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840 | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility Issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design Issue fee | |
| 1503 | 630 | 2503 | 315 | Plant Issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |
| Other fee (specify) | | | | | |
| | | | | SUBTOTAL (3) | (\\$) 180 |

*Reduced by Basic Filing Fee Paid

**or number previously paid, if greater; For Reissues, see below

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|----------------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Stephen E. Kabakoff | Registration No. (Attorney/Agent) | 51,276 | Telephone | (617) 951-2500 |
| Signature | <i>Stephen E. Kabakoff</i> | | | Date | June 25, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

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06-26-03

3653

PATENTS
112008-0027C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:
John Abedor, et al

Serial No.: 09/441,003

Filed: November 16, 1999

For: ESTIMATING TAPE PACK RADIIUS USING A KALMAN FILTER

Examiner: Nguyen, John

Art Unit: 3653

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
June 25, 2003

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EV 336 753 310 US

The following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

Fee Transmittal Letter
 Information Disclosure Statement

Check for \$180.00
 PTO-1449 and Copies of References

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